



# Motorola syn1654A Headphone Speaker Replacement

This guide will instruct the user in removing and replacing the headphone speaker.

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## INTRODUCTION

Before proceeding with the replacement guide, please ensure the headphones are unplugged from any device.



### TOOLS:

- [T6 Torx Screwdriver](#) (1)
- [Soldering Station](#) (1)



### PARTS:

- [Speaker](#) (1)

## Step 1 — Headphone Speaker



- Remove leather headphone cushion by pulling edge towards middle of headphone.
- It should slip off the device.

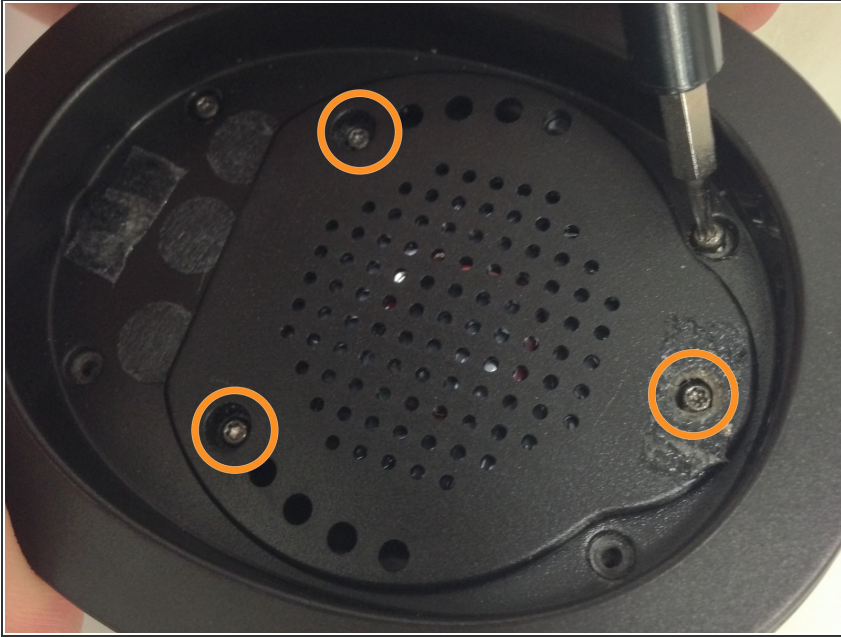
## Step 2



- Carefully peel back foam pad to prevent tearing.
- It is glued at both the top and bottom.

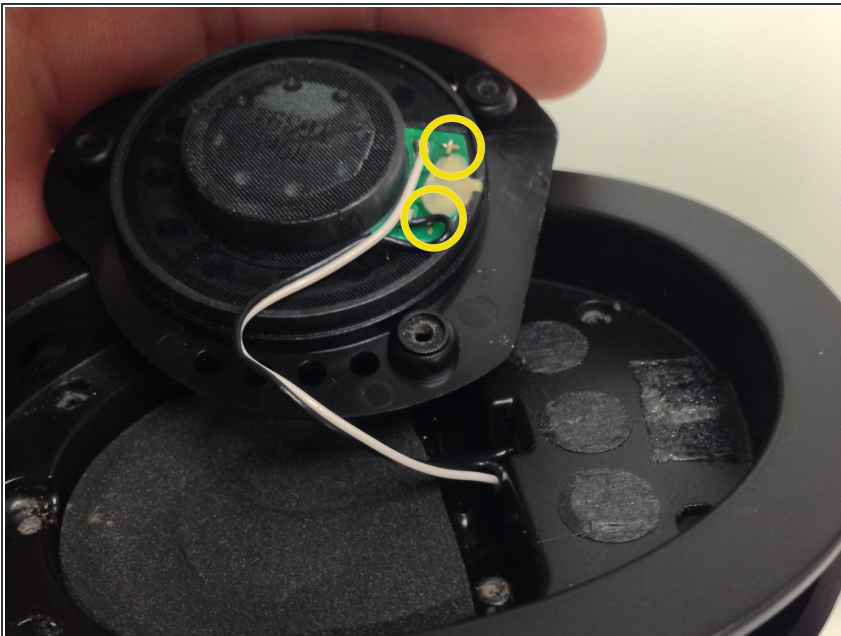


### Step 3



- Use the T6 torx screwdriver to remove the three screws holding the speaker in place.
- To avoid stripping screws, be sure to use the right drill bit oriented perpendicular to the face of the screw.

### Step 4



- With the speaker removed from the speaker module, clip the black and white wires on the back of the speaker, as shown.
- Solder wires onto corresponding pads of replacement speaker.
- For soldering see the ifixit soldering guide: [How To Solder and Desolder Connections](#)

To reassemble your device, follow these instructions in reverse order.